

Converting Colors

RGB(0, 171, 211)

Have a look what the booklet for
RGB(0, 171, 211) contains.

RGB(0, 171, 211)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(0, 171, 211)

Conversions

Conversions Part 1

Format	Color
Hex	00ABD3
RGB	0, 171, 211
RGB Percent	0%, 67%, 83%
CMY	1.0000, 0.3294, 0.1725
CMYK	1.00, 0.19, 0.00, 0.17
HSL	191°, 100%, 41%
HSV	191°, 100%, 83%
XYZ	26.3208, 33.8290, 66.7704
YIQ	124.4310, -114.7560, -23.8120

Conversions

Conversions Part 2

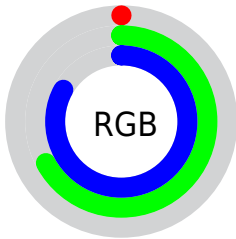
Format	Color
RYB	0, 94, 211
Decimal	43987
CIELab	64.83, -22.49, -30.56
CIELCh	65, 37.942, 233.655
Yxy	33.8290, 0.2074, 0.2665
Android (android.graphics.Color)	4278234067 (0xFF00ABD3)
YUV	124.4310, 42.6785, -109.1260
Hunter-Lab	58.1627, -21.0068, -27.3507

Details

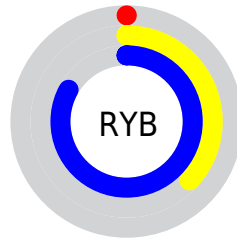
The RGB color **0, 171, 211** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **211, 40, 0**, and the grayscale version is **124, 124, 124**.

A 20% lighter version of the original color is **103, 227, 255**, and **0, 119, 156** is the 20% darker color. If you saturate the color by 10%, you get **0, 171, 211**, and if you desaturate by 10%, it is **21, 175, 211**.

Distribution



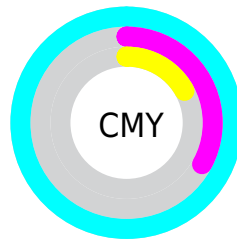
- Red (0%)
- Green (67%)
- Blue (83%)



- Red (0%)
- Yellow (37%)
- Blue (83%)



- Cyan (100%)
- Magenta (19%)
- Yellow (0%)
- Black (17%)




















- Cyan (100%)
- Magenta (33%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RGB color 0, 171, 211 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 0, 171, 211 by changing the saturation by 10% instead.

 0, 171, 211	 0, 171, 211
 255, 255, 255	 0, 144, 183
 103, 227, 255	 0, 119, 156
 136, 255, 255	 0, 94, 130
 167, 255, 255	 0, 70, 105
 198, 255, 255	 0, 47, 80
 229, 255, 255	 0, 28, 57
	 0, 2, 35
	 0, 0, 11
	 0, 0, 0

■ 0, 171, 211

■ 21, 175, 211

■ 42, 179, 211

■ 63, 183, 211

■ 84, 187, 211

■ 106, 191, 211

■ 127, 195, 211

■ 148, 199, 211

■ 169, 203, 211

■ 190, 207, 211

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0, 175, 183



0, 171, 211



92, 163, 224

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



0, 171, 211



218, 131, 166



152, 163, 94

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



0, 171, 211



211, 40, 0

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



186, 153, 89



0, 171, 211



223, 132, 132

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



0, 171, 211



193, 139, 198



211, 141, 104



112, 171, 116

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



0, 171, 211



133, 155, 223



211, 141, 104



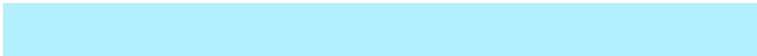
164, 160, 90

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



0, 171, 211



179, 240, 255



0, 211, 39



82, 119, 128



0, 0, 0



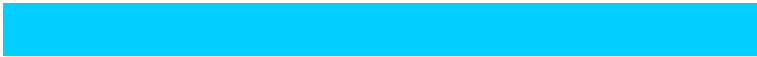
128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



0, 171, 211



0, 207, 255



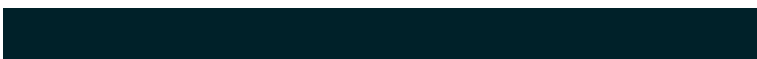
0, 67, 211



94, 103, 105



0, 136, 168



0, 33, 41

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



211, 0, 171



255, 0, 207



211, 144, 0



105, 94, 103



168, 0, 136



41, 0, 33

Previews

White Background



This preview shows how the RGB color 0, 171, 211 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 0, 171, 211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 0, 171, 211 Background



This preview shows how black text looks on a background with the RGB color 0, 171, 211.

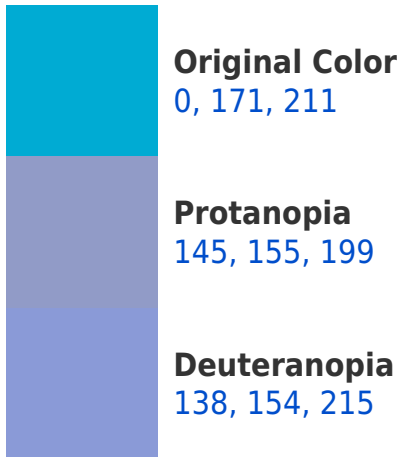


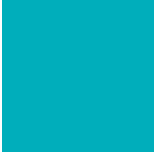
This preview shows how white text looks on a background with the RGB color 0, 171, 211.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
0, 174, 187

Trichromacy



Original Color

0, 171, 211



Protanomaly

92, 161, 203



Deuteranomaly

88, 160, 214



Tritanomaly

0, 173, 196

Monochromacy



Original Color

0, 171, 211



Achromatopsia

124, 124, 124



Achromatomaly

79, 141, 156

CSS Examples

Text

The CSS property to change the color of the text to RGB 0, 171, 211 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(0, 171, 211)` looks like.

```
.text, #text, p{  
    color:rgb(0, 171, 211)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(0, 171, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 171, 211) }
```

Border

The CSS property to change the border of an element to RGB 0, 171, 211 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(0, 171, 211) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(0, 171, 211) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(0, 171, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 171, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 171, 211);  
box-shadow:4px 4px 4px 4px rgb(0, 171,  
211) }
```

Background

The CSS property to change the background color of an element to RGB 0, 171, 211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 171, 211) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(0, 171,  
211) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor